

kscbulletin



Fortieth Anniversary
Pioneering the Future

National Aeronautics and
Space Administration

No. 45-99 - Novemer 12, 1999

John F. Kennedy Space Center
Kennedy Space Center, Florida 32899

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.
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Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.
URL: <http://www.lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)
Deadline for Official/Unofficial notices - Monday, 9 a.m.

OFFICIAL

KSC/CCAS MEDICAL CLINICS—HOURS OF OPERATION: There are three medical clinics at KSC/CCAS:
Occupational Health Facility (OHF), KSC Industrial Area (southwest corner of 2nd Street and C Avenue, Building M6-495)
Launch Area Clinic (LAC), KSC Launch Area (located in the Multifunction Facility (MFF) Building K6-1145, next to the cafeteria)
Cape Area Clinic (CAC), CCAS Industrial Area (northeast corner of Industry Road and Hangar Road, Building 49635)
The three clinics are open to all KSC/CCAS employees for job-related medical examinations and emergency medical treatment. Hours of operation are:

OHF	Monday-Friday	7:00 a.m. – 5:00 p.m. (excluding holidays)
LAC	7 days/week	24 hours/day
CAC	Monday-Friday	7:00 a.m. – 3:30 p.m. (excluding holidays)

Please note that the LAC is the only facility open 24 hours a day, 7 days a week. It is available for all work shifts and should be the primary clinic for KSC/CCAS on second and third shifts, and weekends. **For any medical emergency at anytime, anywhere on KSC, or CCAS, dial 911.** (JJ-C)

CPR CLASSES: Training classes in Cardiopulmonary Resuscitation (CPR) for NASA civil service and contractor employees are being offered in the aerobics classroom of the O&C Fitness Center on Friday mornings, from 8:30 a.m. – 12:00 noon. The training is open to civil servant and contractor employees but NASA can only pay for NASA civil servants. Contractors should arrange this training through their company's training departments and should contact Parrish Medical Center at 268-6195 regarding payment. This training is voluntary and intended for those not requiring CPR certification for their job. To register for a class, please email **Gwen Lewis-1** and let her know the date you wish to attend. Point of contact: **mailto:philip.Scarpa-1@ksc.nasa.gov**. (JJ-C)

NOVEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—HIV/AIDS INFORMATION MONTH: HIV/AIDS remains a critical and devastating epidemic. It is the second leading cause of death among adults ages 25-44. At this time we have no vaccine and AIDS cannot be cured. It can, however, be prevented. Education, knowledge and safe behaviors are the keys to prevention. A packet of the latest information and statistics will be available at all medical facilities in November, or upon request to Carol Roth, 867-3414, mailcode CHS-005, email **Roth-1, Carol**. (JJ-C)

NOVEMBER'S VISION SCREENING: Visual & Glaucoma Testing.
Tuesday, November 23 11 a.m. – 1 p.m. OHF (Occupational Health Facility) (JJ-C)

COLORECTAL CANCER SCREENING, with Hemoccult slide kits, is available at all medical facilities during hours of operation. (JJ-C)

BLOOD PRESSURE SCREENING: Available at all medical facilities during hours of operation. (JJ-C)

SCREENING MAMMOGRAMS for breast cancer are available at KSC, southwest corner of the parking lot, behind the Headquarters building. Call 1-800-367-1870 for an appointment. Schedule: December 14, 1999. (JJ-C)

NUTRITION TIP OF THE WEEK—FROM THE KSC FITNESS CENTERS: Looking for a way to spice up your nutrition? Seasoning foods with herbs and spices can bring out the flavor without extra fat or sugar—a tasty bonus! Flavor meats and pastas with basil, garlic, oregano or rosemary. To enhance the natural sweetness of foods, try cinnamon, ginger or nutmeg. "Heat up" a dish by adding black, red or cayenne peppers. Improve texture and crunch with poppy and sesame seeds. Remember to add dried herbs and spices at the beginning of cooking and add fresh herbs for only the last few minutes of cooking. (JJ-C)

KSC FITNESS CENTERS—FREE PERSONAL TRAINING: Did you know that the KSC Fitness Centers offer FREE personal training? We can help you with motivation, strength training, cardiovascular training, flexibility, fat loss, weight gain, nutritional counseling and much more! Call the O&C facility at 867-7829, or the OSB at 861-3028, for information about how to become a member, and to schedule an appointment. (JJ-C)

KSC FITNESS CENTERS—GET READY FOR YOUR SKI TRIP: Now is the time to start getting in shape to ski. The KSC Fitness Centers have a great program to help you get in shape and prevent injury. Contact the O&C Fitness Center at 867-7829, or the OSB, at 861-3028, to set up an appointment. Don't wait—it's best to start training 4-6 weeks in advance. (JJ-C)

KSC FITNESS CENTERS—LUNCH AND LEARN; "Beat the Holiday Bulge," November 17, at 12:00 noon. Start a new resolution of healthy eating and exercise before the new year. Bring your lunch and learn tricks to avoid gaining those extra pounds over vacation. Call 867-7829 for the location, and to sign up. (JJ-C)

INFLUENZA IMMUNIZATIONS: The influenza season in Florida will be here in the next few months. You can be protected from the most likely causes of epidemic flu by being vaccinated. Influenza immunization is especially important to those people with known heart, lung, or kidney problems, diabetes, anemia or a reduced body resistance to infection. The 1999-2000 schedule at the KSC/CCAS clinics begins September 20, 1999, as follows:

Monday through Friday	7:00 a.m. – 4:30 p.m.	Occupational Health Facility (KSC Industrial Area)
Monday through Friday	7:00 a.m. – 3:00 p.m.	Cape Area Clinic (CCAS Industrial Area)
24 hours/day, 7 days/week		Launch Area Clinic (KSC LC-39 Area, MFF Facility) (JJ-C)

EMPLOYEE ASSISTANCE PROGRAM: All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

NASA GOVERNMENT SURPLUS PROPERTY SALES: For information, please call Sale Information Line at 867-7605, or visit our web site at **<http://surplus.ksc.nasa.gov>**. (FF-S2-A)

EXCESS PROPERTY AT RANSOM ROAD: In an effort to enhance our excess chemical products at Ransom Road, strict adherence to existing policy will be required. All excess chemical products will be fully reviewed for utilization potential and processed through the KSC property disposal system. Any shipment received by RMRF that does not meet the following criteria will be rejected and returned to the generator. All paperwork must be complete and accompany the shipment. Paperwork and labels must be consistent. A point-of-contact must also be named. Two copies of a Material Safety Data Sheet (MSDS) if required. No opened containers will be accepted. All containers must be in good condition. No rusting or bulging drums. If on pallets, all commodities must be compatible. Periodic spot inspections will be conducted on trucks entering Ransom Road. JBOSC will publish product information and will be entered on their Web Page at **http://sgs/envIRON_management/WasteWorld/Waste/HazMatReutProg/hazmat.htm**. This will allow other organizations to screen the material for potential use. Chemical products including paints and solvents, oils, lubricants, adhesives, cleaning products, and printing supplies are available at no cost. For further information, please call Pauletta McGinnis at 867-7027, or for information regarding hazardous commodities, call Gail Hebert at 861-1497. (LO)

KSC ELECTRONIC FORMS: KSC Forms Control will be upgrading the KSC Electronic Forms Filler version to a FormFlow 2.22 on November 20. All users of the KSC Electronic Forms, FF09 version, will need to upgrade to the Internet version of KSC Electronic Forms prior to this date. The KSC Electronic Forms FF09 version displays "FF09" in the upper left of the screen after the application is opened. The Internet version does not install an icon to the desktop and is best accessed through Netscape. If you are a user with an icon on your desktop, please go to **<http://kscforms/install.html>** for installation instructions, or call your help desk. (FF-S2-A)

MERRITT ISLAND NATIONAL WILDLIFE REFUGE: Space Coast Flyway Festival & Birding Competition, November 11-14. Wildlife and nature seminars, special birding and habitat field trips, cost \$10-\$45, special Kennedy Space Center wildlife, technology and history tours, Mosquito Lagoon boat tours, Kayak tours alongside manatees and dolphins; and, horseback riding through Florida pine scrub. November 13 will feature family programs and hands-on nature activities, live birds of prey shows, live wildlife from Brevard Zoo, family educational programs, and more! Birding competition will take place in Brevard County on November 13-14. Event is **free** and is located at Merritt Island National Wildlife Refuge, Brevard Community College, and Canaveral National Seashore. Fore more information, call 267-3036 (weekdays), or 861-0667 (weekends). (FWS)

KSC LIBRARY: The following documents are available for loan from the KSC Documents Library, HQ, Room 1124. Standards are available for reference use in the KSC Documents Library.

- FAA-H-8083-3:
LPI-CONTRIBUTION-979:
NASA-CR-209548:
NASA-CR-209561:
NASA-CR-209574:
NASA-SP-4223:
NASA-TM-206588:
NASA-TM-208555:
NASA-TM-209560:
NASA-TM-209573:
NASA-TM-209629:
NASA-TM-209630:
NASA-TP-209373:
NASA-TP-209545:
NASA-TP-209577:
- Airplane Flying Handbook
Second Annual HEDS-UP Forum
A System for Integrated Reliability and Safety Analyses
Characterizing Secondary Debris Impact Ejecta
Specification, Measurement, and Control of Electrical Switching Transients
"Before This Decade Is Out" Personal Reflections on the Apollo Program
Automated Testing Experience of the Linear Aerospie SR-71 Experiment (LASRE) Controller
Debris/Ice/TPS Assessment and Integrated Photographic Analysis of Shuttle Mission STS-93
Cyclic Cryogenic Thermal-Mechanical Testing of an X-33/RLV Liquid Oxygen Tank Concept
International Space Station ECLSS Technical Task Agreement Summary Report
Mars Global Reference Atmospheric Model (Mars-GRAM) Version 3.8: Users Guide
The NASA/MSFC Global Reference Atmospheric Model-1999 Version (GRAM-99)
Spacecraft Environments Interactions: Space Radiation and Its Effects on Electronic Systems
Uncertainty Analysis of Instrument Calibration and Application
Lightweight Seat Lever Operation Characteristics (FF-S2-A)

KSC LIBRARY: The following new books are available for checkout at the KSC Library. If you need information, please call 867-3600, or visit the Library in HQ, Room 1301.

- Before This Decade is Out, #512365
Built to Last, #512373
Comet and Asteroid Impact Hazards on a Populated Earth, #512308
Countering the New Terrorism, #512332
Cracks and Fracture, #512241
Florida's Hurricane History, #512274
Handbook of Chemical Technology and Pollution Control, #512266
Introduction to Stainless Steels, #111145
Introduction to the Internet for Engineers, #512340
Strategic Appraisal The Changing Role of Information Warfare, #512316
Wernher Von Braun, The Man Who Sold the Moon #512324
Write Approach, #512258 (FF-S2-A)



KSC LIBRARY: The following specifications/standards are available in HQ, Room 1124, Library-D, or by calling 867-3613:
JSC-SE-S-0073, Change 78, 10/20/99 Space shuttle specification fluid procurement and use. (FF-S2-A)

KSC LIBRARY—INTERNET RESOURCES: Applied Science and Technology Index and Business Periodicals Index are now available on the World Wide Web from KSC networks at <http://wilsonweb2.hwwilson.com/autologin/>. For assistance call 867-3600. (FF-S2-A)

KSC LIBRARY—INTERNET RESOURCES: Engineering Index and Engineering Information Village are now available on the World Wide Web from KSC networks at <http://www.ei.org>. For assistance call 867-3600. (FF-S2-A)

KSC LIBRARY: Tours of the library for individuals or groups may be scheduled by calling 867-3600. (FF-S2-A)

OIG: The Office of the Inspector General is the focal point within NASA for conducting audits and investigations to promote economy and efficiency and to prevent and detect fraud and abuse in NASA programs and operations. The OIG receives and investigates complaints or information about inefficiencies, mismanagement, or gross waste of funds; possible violations of law, rules, or regulations by NASA employees, contractors, or others; or substantial and specific danger to the public health and safety. The Inspector General will not disclose the identity of a person who provides such information without that person's permission, unless the Inspector General determines that disclosure is unavoidable during the course of investigation. NASA employees are protected by law from reprisal for making complaints or disclosing information to the Inspector General. At Kennedy Space Center, call: 867-4714, or call toll free: 1-800-424-9183, 24-hour answering service, or write: NASA Inspector General, P.O. Box 23089, L'Enfant Plaza Station, Washington, DC 20024. (OIG)

COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
*RAN 1-00	Program Support Analyst, GS-9-12	NASA/KSC Civil Service Employees	11-01-99/11-15-99	OP
CPP 001-00	Procurement Analyst, GS-1102-13	"	11-02-99/11-16-99	OP
CPP 002-00	Temporary Promotion AST, Payload Proc. & Int. Ops., GS-1102-13 (g.p. to GS-14), Temporary Promotion	"	11-02-99/11-16-99	VC-A1

Applicants must submit an application (OF 612, Optional Application for Federal Employment) for this position. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404.

*This position is open to Qualified NASA/KSC Career or Career-Conditional Employees only. (HM-A-3)

AUTHENTICATED:



867-4714

Marilee Tewksbury, Center Services (FF-S2-A)

HOME SMOKE DETECTORS ARE LIFE PROTECTORS.

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF NOVEMBER 15 THROUGH NOVEMBER 19

*MONDAY Pasta Fagiole Soup HEALTHY FARE- Stuffed Shells w/Meat Sauce Baked Ham & Cabbage Cook's Choice Hot Deli Sandwich- Roast Beef	*TUESDAY Corn Chowder HEALTHY FARE- Chopped Sirloin Au Jus & Sauteed Onions Chicken Fingers Cook's Choice Hot Deli Sandwich- Roast Pork	*WEDNESDAY Cream of Broccoli Soup HEALTHY FARE- Boneless Breast of Chicken o/Rice Veal Parmesan w/Spaghetti Cook's Choice Hot Deli Sandwich- Baked Ham	*THURSDAY Black Bean Soup HEALTHY FARE- Mexican Style Pork Chop Cheese lasagna w/Meat Sauce Cook's Choice Hot Deli Sandwich- Roast Turkey	*FRIDAY New England Clam Chowder HEALTHY FARE- Baked Catfish w/Hushpuppies Fried Catfish w/Hushpuppies Beef Tips o/Noodles Hot Deli Sandwich- Roast Pork
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*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily—bowl \$1.10/cup \$0.60. Vegetable plate available daily—three vegetables for \$2.20. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

NASA EXCHANGE: With the holiday season finally here, are you ready to eat some goodies and sweets? With a Grandma Cookie Stamp, create beautiful decorations on your cookies. There are several different designs and your cookies will surely be the talk of the town! We recently received Victorian Dolls by Russ Berrie. These exquisite and gorgeous dolls will be the envy of every doll collector. We also have several varieties of ornaments for the tree. There are sports, pet lovers, old salt, nativity, and many others. Christmas products are arriving daily in our stores, but in limited quantities. Hurry to your nearest Exchange store before the merchandise is gone—just like 1999!

KSC EXCHANGE SERVICE STATION: Automatic Transmission service includes filter, gasket, up to 6 quarts automatic transmission fluid, and band adjustments, if required. Most vehicles only \$44.95. We also service standard transmissions—\$25.95 for most vehicles. Call for an appointment at 453-1254.

KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS: Repos located at the Merritt Island office. 1998 Dodge Caravan SE, \$19,995; 1999 Nissan Frontier XE pickup, \$12,995; 1998 Toyota Camry LE, \$15,995; 1995 Nissan Pathfinder, 2wd, XE, \$9,995; 1997 Saturn, 5-speed, \$8,500; 1996 Dodge Stratus, 5-speed, \$7,995; 1996 Toyota T100 pickup, w/topper, \$10,500; 1995 Mazda MX6, LS, \$7,995. Foreclosure: Titusville, 1910 Old Dixie Highway, 2-B/R, 1-bath, 1200 sq. ft., 0.5 acre, \$45,000. Call 455-9400, ext. 227.

KSC EXCHANGE HAIRSHOPS: Is it time for a “New Look,” or a trim or to freshen up for the Fall? Come browse through our style books for a “free” consultation. Our staff can perform all your hair needs. We provide the latest in styles; Regular haircuts, braids, colors, perms, beard trims, flat-tops, and the “Executive” or “Razor” cuts. Call 867-7077, HQ, Room 1250, and ask for Joyce, or call 861-3026, OSB, Room 1118, and ask for Fred or Raquel.

KARS: KARS Ceramics, Art and Craft Club meets at KARS Park I. Come join us and learn a new craft. Open to all KSC workers and families. Club meets at 7:30 p.m., first Thursday of each month. For more information, call Geri Bloomquist, 783-0403.

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS (AIAA): Embry-Riddle Chapter will hold the November AIAA dinner meeting at the Daytona Beach Adam’s Mark Hotel, Daytona Beach, Florida, Thursday, November 18, 1999. Social hour is at 6 p.m., and dinner at 7 p.m. Guest speaker will be William F. Chana, speaking about understanding and appreciating the Wright Brothers. Cost is \$15 per person for members, \$18 per person for non-members, and \$9 for students. RSVP by November 12, 1999 to Daniel Lendzioszek, 904-239-0063, lendziod@db.erau.edu, or Philip Iplixian, 904-239-0063, iplixiap@db.erau.edu.

BARRY UNIVERSITY: Barry University’s Master of Science in Human Resources Development and Administration (MS HRDA) program is currently accepting applications for the Winter Term, January 2000. The start date is Saturday, January 8, 2000. This masters degree program requires 33/36 hours for completion. Individuals with experience in HR, training and development and administration may apply to waive the Internship requirement (3 hours). Participants can complete the program in 15 to 18 months. Classes are held at the Merritt Island and Orlando locations. Two classes are offered each 10-week term. A total of 4 terms are provided within a years’ time. One evening class is offered during the week and one class is held every other Saturday, 5 times per term. Barry University offers participants a scholarship which reduces the tuition by 50%. To receive informational materials, enrollment requirements, and an application, please contact Dr. Rosalyn Vaughn at 438-4150 or 622-1704.

BARRY UNIVERSITY: Registration will begin November 1, for Winter 2000 term. Barry’s Merritt Island location offers coursework leading to the following degrees: Master of Science in Information Technology, B.S. in Information Technology, B.S. in Professional Administration, Bachelor of Professional Studies, and a Bachelor of Liberal Studies. Degree programs are designed for the working adult with classes scheduled in the evenings and weekends during four, ten week terms per year. At the undergraduate level, a student may earn up to 30 credits for professional work experience through a portfolio process. For more information please call the Merritt Island office at 453-6253, or email Lynn Grant, Director at lgrant@mail.barry.edu.

BREVARD COMMUNITY COLLEGE (BCC): Spring 2000 schedules will be available early November and registration starts November 15. Call 449-5046 with questions or email stephensv@brevard.cc.fl.us.

FLORIDA INSTITUTE OF TECHNOLOGY: Florida Tech offers a variety of master’s degree programs at our Spaceport site, e.g., Master of Science in: Management, Computer Information Systems, Space Systems, Engineering Management, Acquisition and Contract Management. Florida Tech is located at the NASA Education and Training Center, corner of 2nd Street and “B” Avenue (Industrial Area). Spring semester begins January 10, 2000. For a catalog, schedule or new student application packet, please call 453-2030 or 784-2045.

WEBSTER UNIVERSITY: The Space Coast Campus joins theory and practice in all of their master’s degree programs, including Computer Science/Distributed Systems, Computer Resources and Information Management, Human Resources Development, Management, and a Master of Business Administration. The faculty has work experience in their teaching disciplines. The campus is located at 250 North Courtney Parkway, Merritt Island, with classes also at the BCC Campus in Palm Bay. Registration for the next term begins November 29. Call 449-4500 for a catalog or more information.

PERSONALITY PREFERENCE TESTING: Robin Lusardi of our **CTAP** office is certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. Robin will also meet with NASA work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. Telephone Robin at **CTAP**, 867-4350.

P E R S O N A L

CARPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.
Vanpool seats: Melbourne to LC-39 Area, 7:00-3:30, seats available, John Coriell, 861-5620/259-1955.
Vanpool seats: Melbourne to LC-39 Area, seats available, 11 passenger van, Galbraith, 861-4780/259-3138.
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.
Vanpool seats: Melbourne/Eau Gallie/Viera to OSB/LOG/VAB/OPF/LCC/Pad A & B, Galbraith, 861-0762/259-3138.
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0851/984-3861.
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam’s Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Erik, 867-3333/657-6032.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-6010/365-0586.
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.
Carpool: New Smyrna Beach to LCC, ARF, Industrial Areas, 7:30-4:00, Scott, 867-3791/867-3498/426-2203.
Carpool: Sanford/Geneva/Oviedo to OSB/VAB Area, 7:00-3:45, Chris, 861-2188/321-8461.
Carpool: Sandord/Geneva/Mims I-95 to NSLD, 6:30-4:00, Len, 799-7095/325-6894.
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.
Ride needed/form carpool: Daytona Beach (N. Halifax Avenue) to KSC Industrial Area (BOB), non-smoker, 7:30-4:00, Pat, 867-7889/690-2354.
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.
Ride needed/form carpool: N. Melbourne/Eau Gallie to LCC area, flexible hours, David, 861-6994/259-8944.
Ride needed/form carpool: N. Melbourne to LCC area, second shift, Ralph, 861-1338/259-8944.
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.

GARAGE SALE

Garage sale: November 12-13, Canaveral Groves, 4440 Tangelo Avenue, Thomasville furniture, Grandfather clock, tools, more, Potthast, 632-8360.
Garage sale: November 12-13, 8-2, Titusville, 3940 Tangle Drive, Tanglewood subdivision, furniture, toys, household items, miscellaneous, 264-9245.
Garage sale: November 12-13, 8-?, Titusville, 4840 Santa Rosa Avenue, miscellaneous, Janet, 269-1470.

REAL ESTATE FOR SALE

House: Rockledge, 3-B/R, 2-bath, 2-car garage, CBS, screened pool w/child safety fence, tile kitchen/foyer/baths, \$93,500, Hartman, 639-6855.
Townhouse: Titusville, 2-B/R, 2 1/2-bath, central A/C, sundeck, screened porch, nice upscale neighborhood, \$59,900, Holly, 638-3548.
Lot: 0.5 acre, zoned for mobile home, \$21,000, Moreau, 631-5385.
Acreage: Mims, Dixie & Davis, 5 miles north of S.R. 46, 5.0 acres, \$30,000, Gibbons, 383-0244.

AUTOMOBILES & RV’S FOR SALE

1979 Jeep CJ5, 6-cylinder, 4wd, runs great, \$2000, Czerwinski, 632-8465.
1982 Plymouth Gran Fury, slant 6, A/T, P/S, 47,000 miles, 2nd owner, complete new A/C & tires, have receipts, looks & runs great, \$1800, Bob, 383-4427.
1983 Ford Thunderbird, rebuilt engine, 5-speed, new rear end, body has rust, \$750, Williams, 267-0110, evenings.
1984 Corvette, new interior, needs paint, 72,000 miles, \$7500, Denny, 568-3948, after 4 p.m.
1984 BMW 528e, new transmission/tinting/muffler & A/C (compressor/dryer/rings), 62,000 miles, excellent condition, garage kept, \$5500, 799-3957.
1985 Nissan pickup, B.O., Gramm, 267-9089.
1986 Buick Century, A/T, 80,000 original miles, runs great, needs cosmetic work, \$900/firm, Karen, 639-3999.
1986 Pontiac Grand Prix 2+2, LE, 305 cu. in., 4-barrel, A/C, P/S, P/B, P/W, P/L, tach., oil/temp gauges new tires, \$2300, Travis, 633-4928.
1986 Nissan pickup, needs work, little rust, good condition, \$300/B.O., Harrell, 633-1643.
1989 Ford Tempo, 4-door, A/C, A/T, new tires/paint/radio, 103,000 miles, runs good, \$1500, Nielsen, 383-2535.
1989 Honda Accord Lxi, 4-door, A/T, new CV joints, 174,000 miles, \$3150/B.O., Alan, 268-5785.
1989 Chevy Beretta, 2-door, A/T, P/S, P/W, P/L, 1 owner, garage kept, \$2000, Ely, 383-9382.
1989 GMC S15 Jimmy, 2wd, 84,000 miles, \$4000, Cooper, 639-2868.
1989 Jayco F-series popup camper, A/C, heat, refrigerator, sleeps 6, \$1700, Jerry, 639-2925.

AUTOMOBILES & RV'S FOR SALE (Continued)

1992 Honda Civic LX, 5-speed, A/C, P/W, P/L, C/C, 10 CD changer, AM/FM/cassette/CD, 122,000 miles, \$4500, Mike, 269-3377.
1993 Honda Civic Del Sol Si, A/T, 1 owner, 60,000 miles, excellent condition, \$8000, Jennifer, 383-1491.
1994 Dodge Intrepid 3.3L, V6, all electric, 89,000 miles, excellent condition inside & out, \$6500, Crider, 264-9927.
1994 Ford Crown Victoria, 4-door, loaded, 57,000 miles, excellent condition, \$8500/B.O., Debbie, 636-0129.
1995 Chrysler Le Baron convertible, AM/FM/cassette, P/W, P/L, white, 82,000 miles, excellent condition, \$7500/B.O., Kandy, 452-1658.
1995 Mustang GT, 5.0 liter, 5-speed manual, convertible, yellow & black, new tires/brakes, Jeff, 784-8055.
1995 Nissan SE pickup, 5-speed, P/M, tint, 64,000 miles, \$7150/B.O., Alan, 268-5785.
1997 Ford F150 pickup, V8, 4wd, full Flowmaster exhaust system, \$16,250, Kenny, 631-3015, after 5 p.m.
1997 1/2 Buick Regal GS, supercharged V6, 240 h.p., leather interior, extras, non-smoking 1 owner, red pearl, 19,000 miles, \$18,200, Stan, 383-1249.
1998 Chevy S-10 extended cab pickup, V6, Vortec, 5-speed, bedliner, stock 6 speaker stereo, silver, \$15,200, Hank, 783-4511.
1998 Jayco Hi-Lo travel trailer, 24', loaded, Moreau, 631-5385.

HOUSEHOLD FURNISHINGS FOR SALE

Coffee tables, solid marble top & base, tan colors, 2 total, sit side-by-side in tier fashion, \$100, Joyce, 264-0404.
Wall mirror, 27"x6", \$20, 783-0808.
Sectional sofa, entertainment center, microwave, \$300/all, Tobin, 459-2017.
King black iron bed w/canopy & box springs, \$150, 449-7324.
Toddler race car bed w/mattress, \$55, Sowards, 639-2031.
White wrought iron daybed w/brass, 2 mattresses, \$75, Hausman, 459-9342.
Queen sofa bed, \$250; loveseat, \$140; chair, \$60, pastels, excellent condition, \$400/all, Herrick, 453-8443.
Queen futon, hardwood, mattress, mattress cover, \$75, John, 783-1748, before 6 p.m., leave message.
Antique pie safe, circa 1860, poplar wood, good metal panels, recently refinished, \$325/B.O., will deliver in close proximity, Robertson, 264-0449.
King box springs, mattress, frame, headboard, B.O., Hawley, 634-5352, leave message.
Black metal daybed w/trundle, good condition, \$125, Ansell, 383-0256.
Thomasville collector cherry Queen Ann china cabinet, flip-top server, table, 2 leaves, 6 chairs, table pad, Potthast, 632-8360.
Queen sleeper sofa, Sears colonial Open Home, matching overstuffed chair w/ottoman, green/gold, excellent condition, \$500/B.O., Maust, 267-3963.
Beveled glass topped pedestal dining room table, 72"x40", 6 off-white upholstered chairs, rarely used, Massey, 359-0169, after 6 p.m.
Sofa, light green/cream, 6 decorator pillows, 1 year old, \$400, Joyce, 383-9270.
Crib, yellow pine, converts to youth & double bed, \$90, Burton, 268-3376.
Waterbeds: queen w/6-drawer base; super single w/6-drawer base, bookcase headboard, dark wood, \$75/each, heaters included, Mike, 269-3377.
Sofa, 2 matching wingback chairs, Ecru color, 1 reading chair, \$1500/all, B.O., Ana, 267-9781.
King waterbed mattress, heater, liner, \$125; 2 white swivel chairs, \$125; black contemporary sofa, \$125, 459-9386.
Solid cherry dining room table, leaf, 6 chairs, \$600; cherry china cabinet/hutch, \$400; white changing table w/pad, \$30, Chumley, 383-4889.
Student desk w/chair, 4-drawer, \$50; 2 brass floor lamps, \$25/each; washed oak end table w/glass inserts, \$60, Derbyshire, 453-6795.

APPLIANCES FOR SALE

Maytag gas dryer, large capacity, \$100, 783-0808.
Panasonic microwave, rotating plate, manual, excellent condition, \$90, Street, 784-6363.
Refrigerator w/ice maker, 22 cu. ft., almond, \$300, Housman, 631-0180, leave message.
Kenmore refrigerator, almond, \$175; range & hood, almond, \$90/both, all good condition, Walter, 632-1886.
G. E. washer & dryer, almond, \$100/each, \$150/both, Piggford, 634-5989.
White Westinghouse washer & dryer, new in 1996, \$300/B.O., Ballou, 799-3795.
Refrigerator, 18 cu. ft., light tan, works great, \$75/B.O.; Roper range, green, works great, \$40, Kelley, 455-1697.

MOTORCYCLES & EQUIPMENT FOR SALE

1985 Harley Davidson soft tail, only 38,000 miles, excellent condition, \$9000; ladies medium fringed leather jacket, vest, chaps, \$175, 633-6121.
1996 Kawasaki Vulcan Classic 800cc, extras, only 4000 miles, garage kept, excellent condition, \$5500, Susan, 635-9819, leave message.
1997 Harley Davidson Dyna low rider, 2-tone platinum silver & black, extras, excellent condition, \$16,900, Gary, 269-6794.

BOATS & EQUIPMENT FOR SALE

12' fiberglass airboat hull, gage, motor stand, good polymer, hull in good condition, \$450, Frank, 264-9592.
14' Sea Nymph V-hull, 20 h.p. Johnson long shaft, garage kept, very nice condition, \$1200, Jerry, 639-2925.
15' Gheen Ganoë, trailer, \$500, Ashworth, 267-7087.
18' Crownline 182BR Supersport, 1992, 4.3l OMC, 2 tops, skis, cover, more, 1998 galvanized trailer, low hours, excellent condition, \$8900, 459-2967.
18' Buehler jet w/slant 6 Chrysler engine, 1974, tandem custom trailer w/surge brakes, power winch, excellent condition, \$2500, McDonald, 268-9869.
19' Seasafe, extra wide beam, 1980, recently rebuilt 70 h.p. Johnson, tandem axle trailer, new tires/rims, \$2000, Lutz, 636-3334.
23'2" Wellcraft, 1992, Volvo Penta duo prop, 350 w/20 hours on rebuild, \$10,200, Greg, 777-7463.
27 1/2' Rinker-Feista Vee 266, 1997, 5.7L OMC Bravo 3 outdrive, stainless props, A/C, VHF, full canvas, more, \$35,900, Susan, 383-7305.
Gamefisher 3 h.p. outboard, 2 cycle engine, air cooled, A1 condition, used very little, never in saltwater, \$350, Hunt, 636-7441.
1990 Mercury 40 h.p. outboard, 4-cylinder, trim & tilt, low hours, \$1400; marine small block Chevy distributor, 2-barrel carburetor, more, \$70, 783-0808.

MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Kirby vacuum cleaner w/attachments, \$80, 783-0808.
Nintendo 64, 2 controllers, Mario World, \$75; Games: Goldeneye, \$20; Exp. Pak, \$15; Mortal Kombat, \$15; Star Wars, \$10, Dan, 452-4218, after 3 p.m.
Wurlitzer upright piano, good condition, bench, \$700, Willie, 777-5419.
Yamaha electronic Clavinova piano w/bench, like new, \$1800, Ray, 504-7319, anytime.
Kenwood receiver, \$50; Sansui cassette deck, \$20, need repairs, Bruce, 633-6121.
Bushnell 430 telescope interchangeable lenses, tripod stand, new, only used 1 time, \$125, Alexa, 385-9433.
Sony 8mm camcorder, 2 batteries, battery charger, needs work, \$100/B.O., Jim, 454-3439.
Super Nintendo, 10 games, \$50, 631-3740.
Epson Stylus color 400 inkjet printer, 720 x 720 dpi, extra black ink cartridge, parallel port, cable included, \$100, Chris, 633-5543.
Ericsson digital cellular telephone, TDMA format, \$50/B.O.; Epson color 600 inkjet printer, \$100/B.O., Patrick, 359-3145.
486 computer, Office 97, Windows 98, modem, VGA monitor, printer, CD ROM, \$225/B.O., Petersen, 453-7947.
Ovation Celebrity 6-string electric/acoustic guitar, black, like new w/hard case, \$500, Wasden, 383-7470.
Bremen spinet upright piano w/seat, ebony finish, \$100/B.O., Stapp, 783-2089.
Macintosh Performa 575 w/printer, modem, software, \$450/B.O., Chumley, 383-4889.
Panasonic 27" console TV, excellent working condition, \$75, Gary, 453-3890.
Turntable & pre-amp, \$20, Mitchell, 799-2090.

MISCELLANEOUS FOR SALE

NASCAR Winston Cup tickets for Atlanta, 8 seats together, will separate, \$100/each, Minneboo, 452-1302.
Wagon wheels, 8 lug, 15"x8", set of 4, \$80; Penn Senator 113H reel w/Senator rod, roller guides, \$85/each, 783-0808.
Belly mower for Kubota tractor, fits other tractors, \$300, Potts, 632-0911.
Little Tykes 2-story doll house, lots of extra furniture & people, \$25, Billias, 453-6812.
King comforter set, floral design, includes shams & curtains, \$25; exercise bicycle w/moving arms, \$30, 269-9316.
Helmet, goggles, gloves, boots, \$55/all, Tobin, 459-2017.
Whirlpool 5000 Btu window air conditioner, \$125, Maurer, 633-6121.
Ladies Sea Tech scuba BCD, size small, fins, mask, snorkel, \$100/B.O.; wedding gown, ivory, rose train & skirt, size 7, \$250/B.O., Ballou, 799-3725.
1972 455 cu. in. 4-barrel & 400 turbo transmission, \$650, Travis, 633-4928.
Child's bicycle seat, \$25, Brad, 639-2031.
Pipe wrenches: 24", \$15; 18", \$10; 10"; tires, P215/70R14, 2 each, good tread, \$10, Ted, 267-8335.
Rooftop luggage carrier, large, for automobile, \$40, 631-3740.
World Book encyclopedia, 1986 edition, full set w/yearbooks through 1994, \$75, Hausman, 459-9342.
Titleist DCI original irons, 3-PW, Dynamic Gold, true temper stiff shaft, \$225; Viper Bite, Sandwedge 56 degree carbide face, great spin, \$40, 267-5242.
Commercial Snapper mower, 48" deck, 14 h.p., OHV, Kawasaki engine, Cheriot sulky, \$700/B.O., Harrell, 633-1643.
Snap-On tools, 250 sockets, \$1000, Gibbons, 383-0244.
Model sailing ship, square rigger, 3 mast, wood construction, 40 years old, \$300/B.O., Petersen, 453-7947.
Power Wheels Barbie jeep, \$125; V-Tech learning pad w/game, \$40; child's 7-game table, \$50, Laura, 636-7749, after 6 p.m., leave message.
Rockwell 10" floor heavy duty table saw, \$75; Fireplace, 36", new, in box, \$175; rear bagger for Craftsman riding lawnmower, \$30, 725-4354, evenings.
Kitchen cabinets, 8'x10', used, good condition, counters included, \$200/B.O., Street, 784-6363.
2 structural aluminum I-beams, 16"x5"x8" each, for trailer, etc., B.O. over \$250; heavy duty incline weight bench w/spotters stand, \$45/B.O., 777-7463.
Campbell-Housfield 5 h.p., 220 volt, vertical air compressor, 60 gallon tank, excellent condition, \$350/B.O., Peno, 453-7763.
My Size Barbie, \$40, Burton, 268-3376.
Toolbox for full sized pickup, \$35, Mike, 264-4680.
Yard Kart go-cart w/Honda engine separate, \$150, Housman, 631-0180, leave message.
Michelin LTX M/S 235/75R15 tire, 75% tread, \$30; girl's Huffly 26" MT Storm 10-speed bicycle, \$35; McCulloch 14" Eager Beaver chain saw, \$20, 631-0084.
Treadmill, \$90; Body By Jake exercise machine w/video, \$100, Moreau, 631-5385.
Utility trailer, \$100; kerosene heaters, 3 total, \$35, \$45, and \$55, Hinds, 267-2187.
Girl Scout Brownie sweatshirt, leggings, shorts, shirt, hair band, belt, socks, purse, other accessories, worn once, size 8/10, Letts, 634-6888.
Wedding gown, pearl & lace, V-back, short sleeves, size 5, veil, crinoline, \$450, Gramm, 267-9089.
Medela double electric breast pump w/accessories, \$175, Chumley, 383-4889.
Smoker grill, \$25; 10-speed X-trainer bike, \$25, Mitchell, 799-2090.
Men's Schwinn Mongoose 26" bicycle, 21-speed, white w/red trim, excellent condition, \$100, 452-1297, after 10 a.m.
Fast Track exercise equipment, like new, \$75/firm, Karen, 639-3999.

MISCELLANEOUS WANTED

Book entitled Birds of Brevard, by Cruikshank, Tom, 799-3314.
Racecar bed, reasonably priced, McMullen, 269-5115.
Twin Lion King comforter & sheet set, or 2 twin boy's Disney sets for bunk beds; dresser, tall chest-of-drawers, solid wood only, light color, 269-9316.
Scuba gear, Dennis, 632-3222.
Rental of room, 2-3 days/week, Daytona area, while attending school at Embry Riddle, Hils, 868-6831.
Small office refrigerator, good working condition, reasonably priced; chest-of-drawers, tall & narrow, Sharon, 783-3156.
1992-1997 Honda Prelude Si series, manual transmission, P/W, P/L, P/S, for college student, Dittmeier, 799-3957.
Long shaft outboard motor, 2 to 4 h.p., Merrill, 383-3360.
Child's guitar, for lessons, Camalan, 268-5185, after 4 p.m.
Short neck bass guitar & amp, Costello, 452-6387.
Leather sofa & chair, tan, excellent condition, Eastman, 259-1499.

FOR SALE OR TRADE

NFL miniature ceramic football mugs, buy or trade, 631-3740.



KSC Recycles

